

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for making data derived from a video signal accessible, comprising:
  - receiving data derived from a vertical blanking interval of a video signal;
  - storing the data received on a storage medium for retrieval based on a subsequently received request; and
  - indexing the stored data such that an application may retrieve a portion of the stored data with a database query and render for retrieval by an electronic programming guide based on the retrieved stored data,
    - wherein indexing the stored data includes:
      - preparing data tables having an index data area and a detail data area,
      - separating the stored data into index data and detail data, and
      - loading data to the data tables.
2. (Original) The method of claim 1, wherein the storing of the data makes the data accessible to an application program interface.
3. (Original) The method of claim 1, wherein the storage medium is a disk drive such that the storing includes storing the data on the disk drive.
4. (Original) The method of claim 1, wherein the video signal is a cable broadcasted video signal such that receiving the data includes receiving data derived from the vertical blanking interval of the cable broadcasted video signal.

5. (Original) The method of claim 1, wherein the video signal is a terrestrial broadcasted video signal such that receiving the data includes receiving data derived from the vertical blanking interval of the terrestrial broadcasted video signal.

6. (Original) The method of claim 1, wherein the video signal is a satellite broadcasted video signal such that receiving the data includes receiving data derived from the vertical blanking interval of the satellite broadcasted video signal.

7. (Original) The method of claim 1, further comprising deriving the data by parsing data received from the vertical blanking interval of the video signal.

8. (Currently Amended) A computer program, embodied in a computer readable medium, capable of generating digital data representing information communicated in a vertical blanking interval of a video signal, the computer program comprising:

a receiving code segment that receives data representing information communicated in a vertical blanking interval of a video signal;

a generating code segment that generates digital data based on the data using a predetermined algorithm; and

a storing code segment that stores the generated data on a storage medium,  
wherein the receiving code segment includes:

a sampling code segment that periodically samples at least a portion of the video signal containing the information,

a code segment that generates a numeric representation of the information including an array of values based on samples from the sampling code segment,  
and

a code segment that receives the array as at least a portion of the data.

9. (Original) The computer program of claim 8, wherein the data includes non-video information and the receiving code segment includes a code segment that receives data representing non-video information.

10. (Original) The computer program of claim 8, wherein the video signal is a cable broadcasted video signal such that the receiving code segment includes a code segment that receives data communicated with the cable broadcasted video signal.

11. (Original) The computer program of claim 8, wherein the video signal is a satellite broadcasted video signal such that the receiving code segment includes a code segment that receives data communicated with the satellite broadcasted video signal.

12. (Original) The computer program of claim 8, wherein the video signal is a telestial broadcasted video signal such that the receiving code segment includes a code segment that receives data communicated with the telestial broadcasted video signal.

13. (Original) The computer program of claim 8, wherein the receiving code segment includes a code segment that receives data representing the information communicated with the video signal from among a vertical blanking interval of the video signal.

14. (Original) The computer program of claim 8, wherein the computer program is an embedded software application.

15. (Original) The computer program of claim 8, wherein the generating code segment includes a code segment for converting the data into a format that is used to generate an electronic programming guide.

16. (Original) The computer program of claim 8, wherein the digital data includes a binary data string such that the generating code segment includes a code segment for converting the data into the binary data string.

17. (Canceled)

18. (Currently Amended) The computer program of claim ~~[[17]]~~ 8, wherein the generating code segment includes a converting code segment that converts values from within the array of values to at least one binary character string.

19. (Original) The computer program of claim 18, wherein the converting code segment includes:

an averaging code segment that computes an average of several of the array values;

a biasing code segment that biases the average to establish a cutoff value; and

a classifying code segment that classifies the information as electronic programming guide data based on whether the average exceeds the cutoff value.

20. (Original) The computer program of claim 19, wherein the averaging code segment includes a moving averaging code segment that compute a moving average based on the values.

21. (Original) The computer program of claim 19, wherein the classifying code segment classifies the information as a clock run in when the average exceeds the cutoff value.

22. (Currently Amended) The computer program of claim ~~[[17]]~~ 8, wherein the array of values represent at least color information and control information.

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (New) The method of claim 1, wherein indexing the stored data further includes updating all indexes associated with the data tables.

27. (New) The method of claim 1, further comprising storing the data received in temporary memory prior to storing the data received on a storage medium.